

FIG. 1

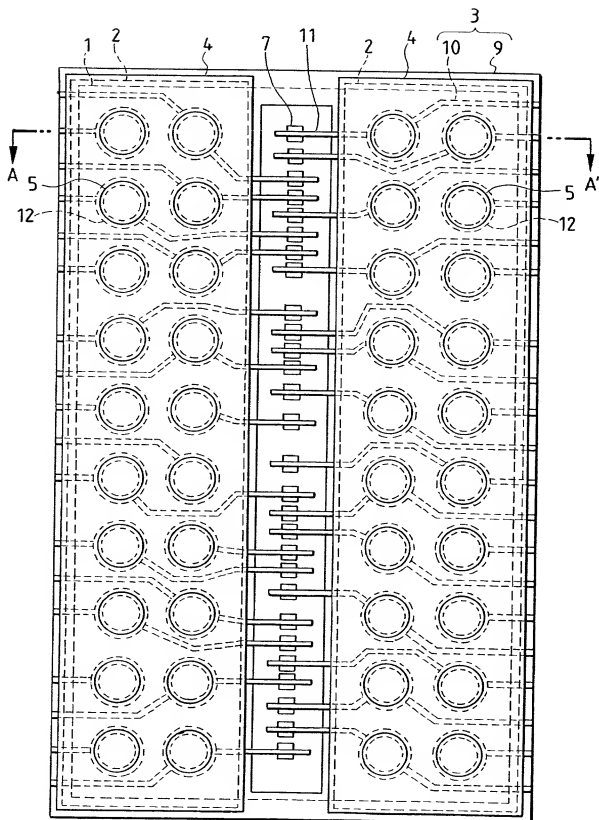


FIG. 2

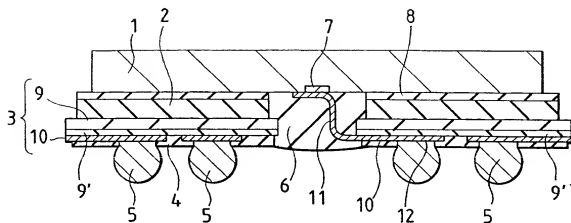


FIG. 3

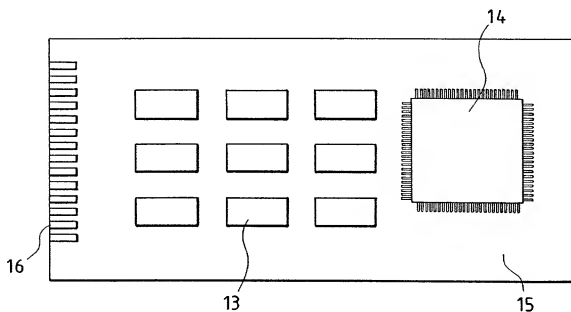


FIG. 4

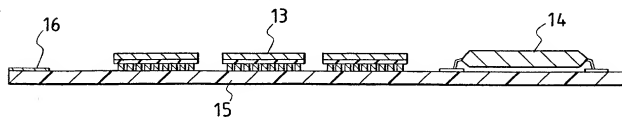


FIG. 5

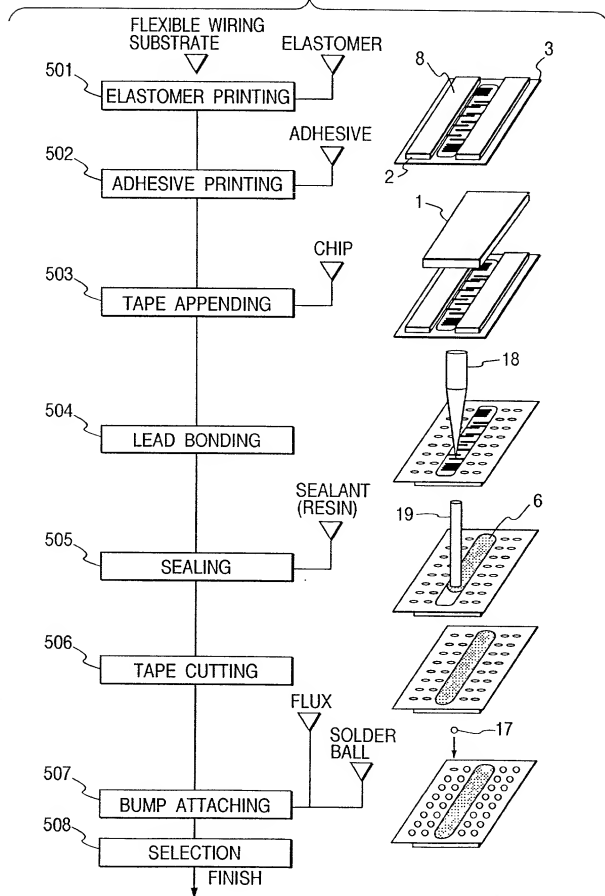


FIG. 7

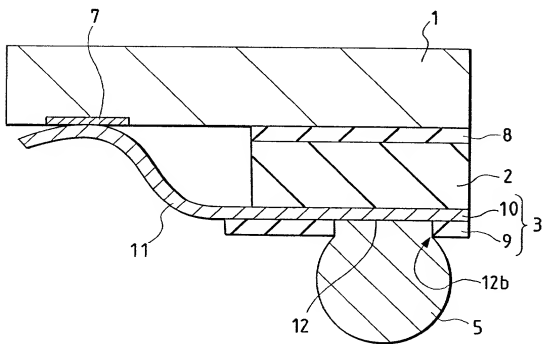


FIG. 8

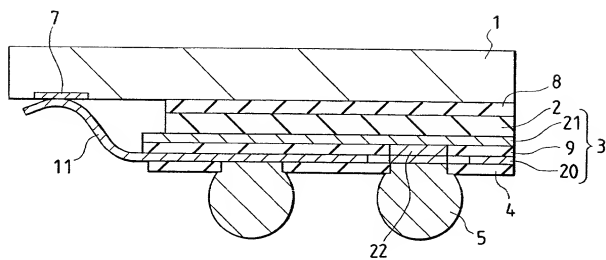


FIG. 9

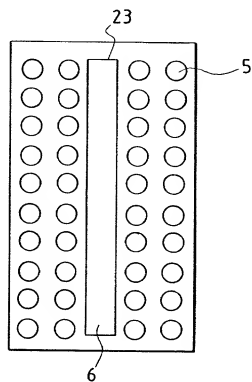


FIG. 10

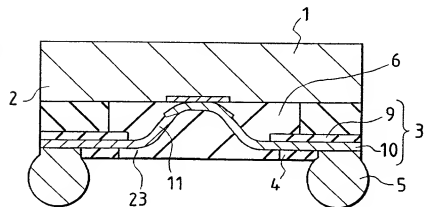


FIG. 11

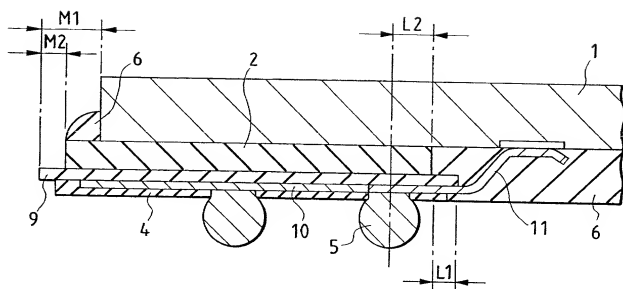


FIG. 12

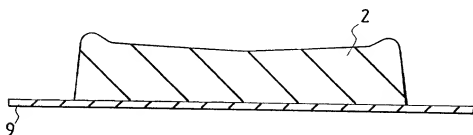


FIG. 13

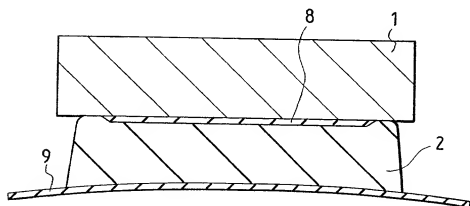


FIG. 14

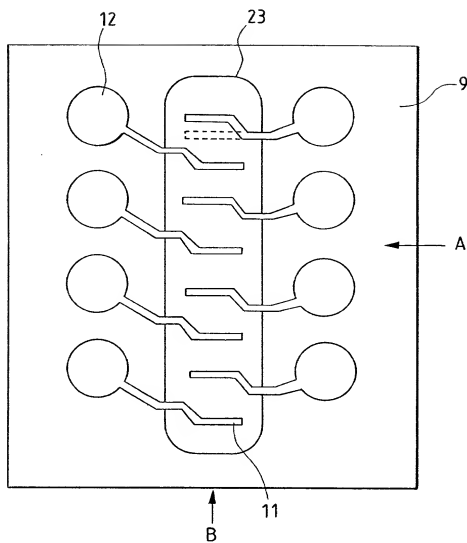


FIG. 15

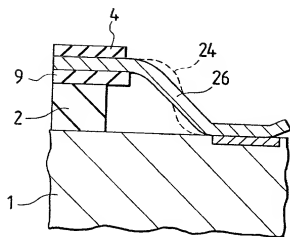


FIG. 16

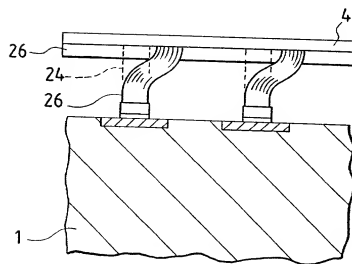




FIG. 17

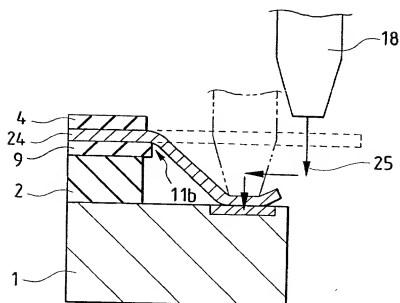


FIG. 18

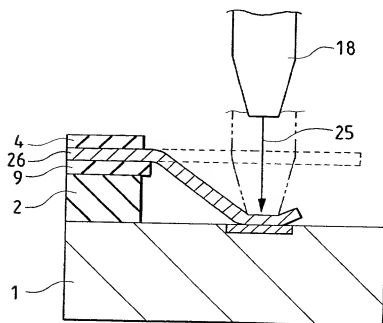


FIG. 19

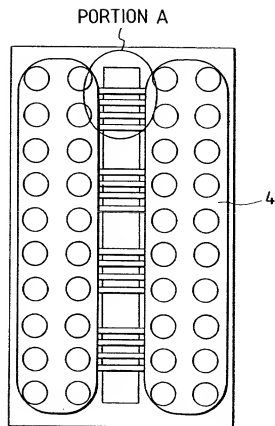


FIG. 20

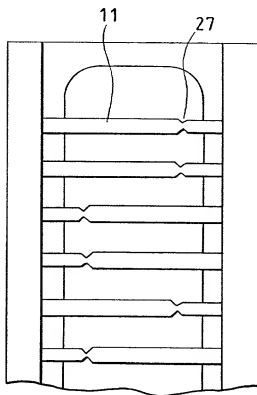


FIG. 21

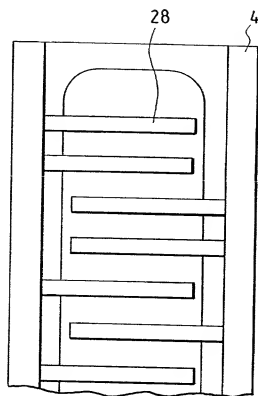


FIG. 22

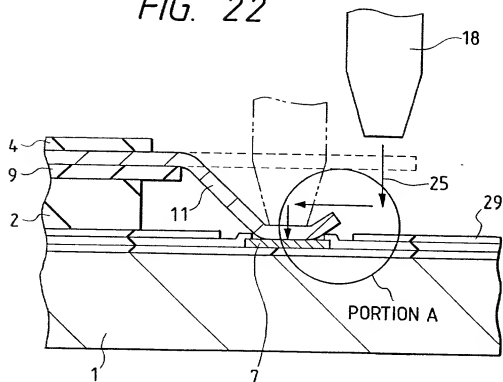


FIG. 23

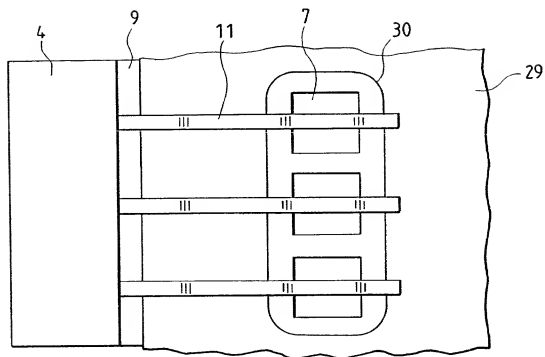


FIG. 24

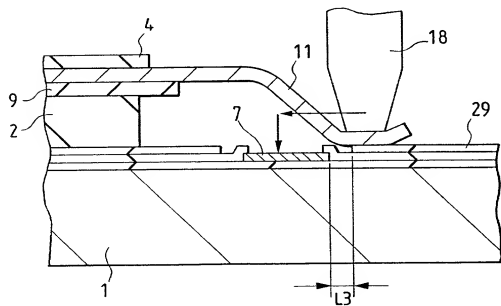


FIG. 26

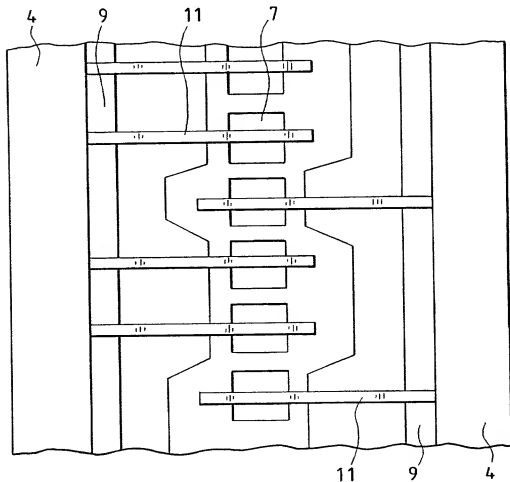


FIG. 27

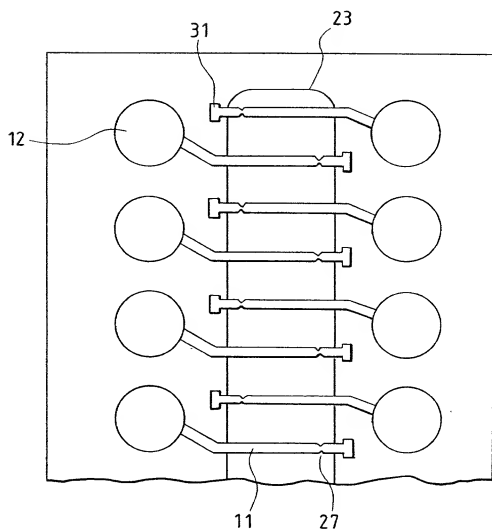


FIG. 28

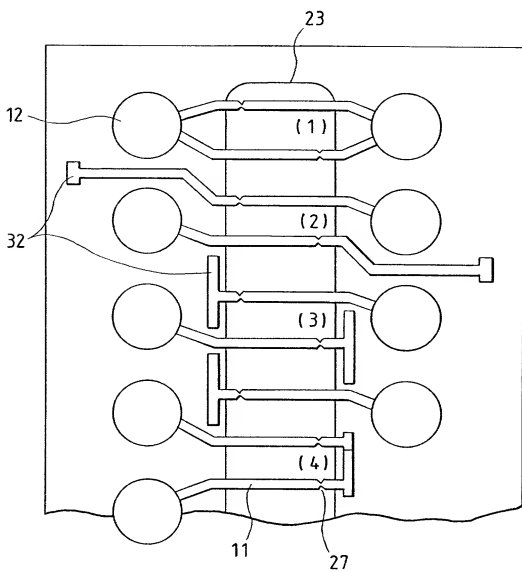


FIG. 29

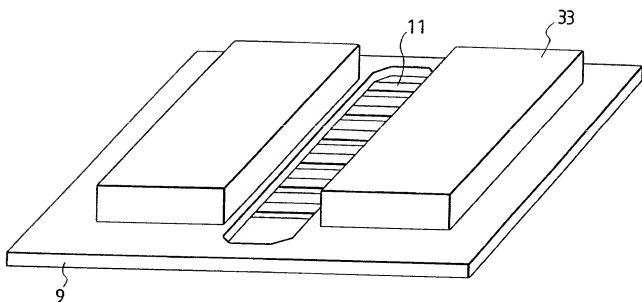


FIG. 30

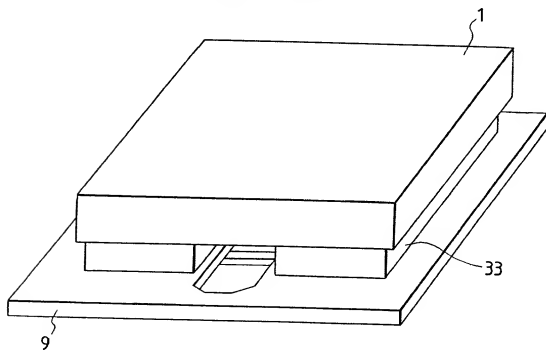




FIG. 31

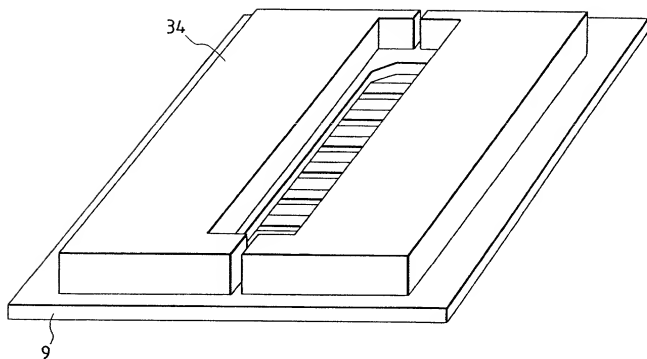


FIG. 32

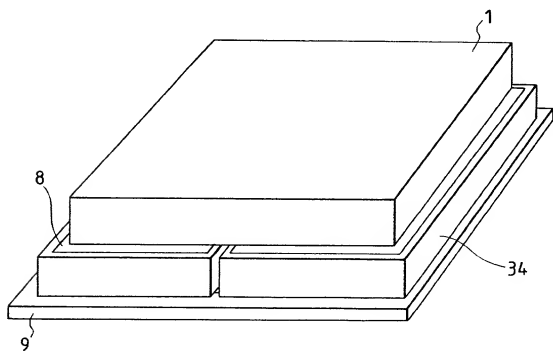


FIG. 33

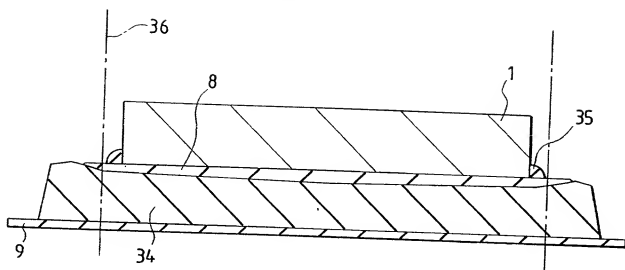


FIG. 34

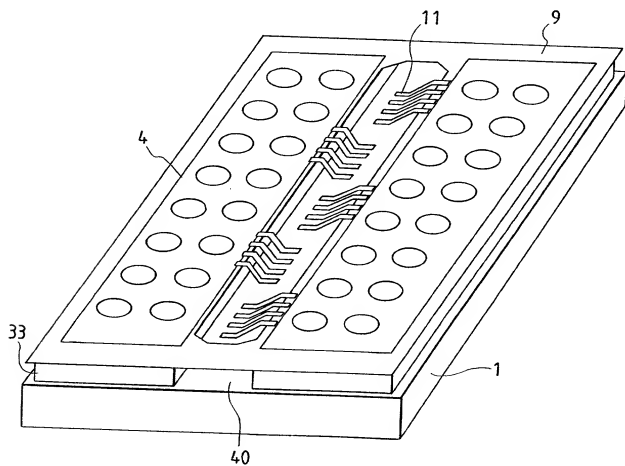


FIG. 35

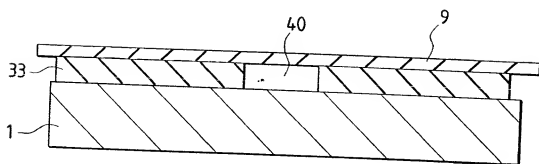


FIG. 36

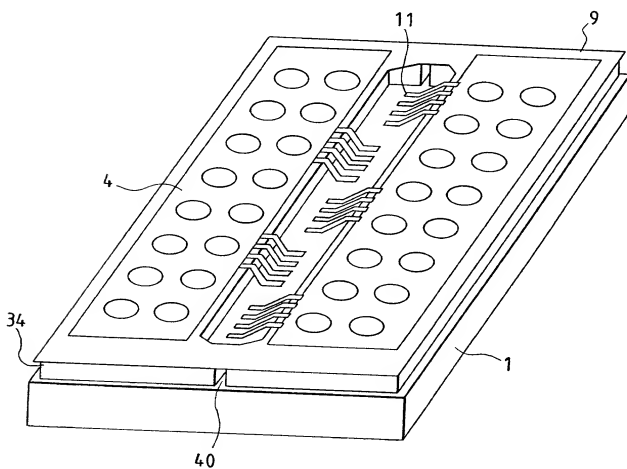


FIG. 37

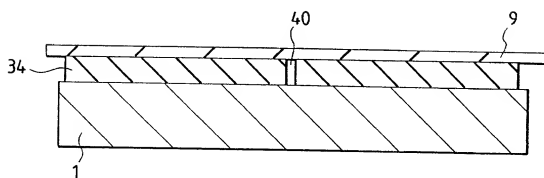


FIG. 38

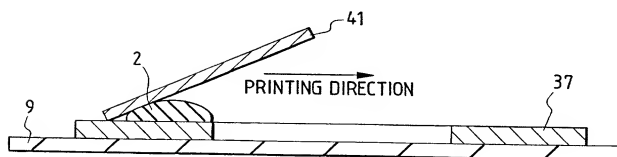


FIG. 39

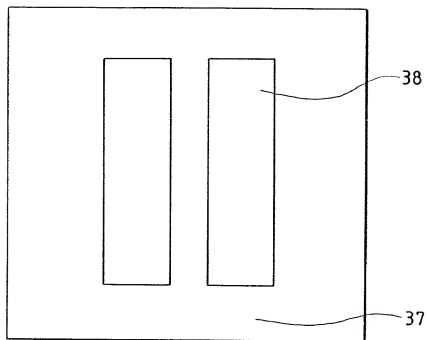


FIG. 40

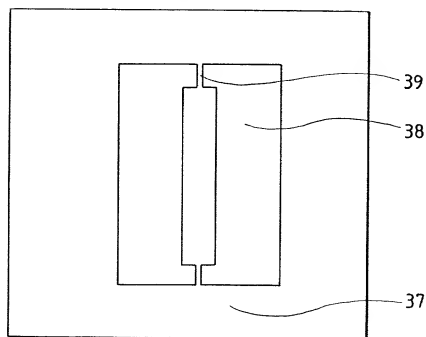


FIG. 41

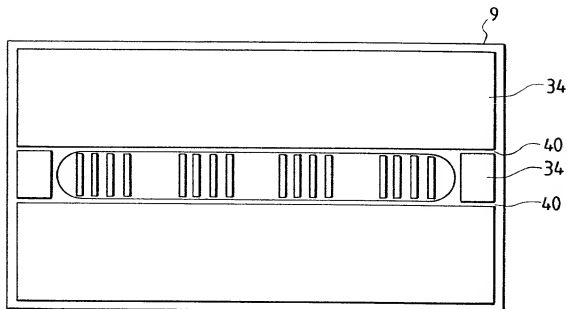


FIG. 42

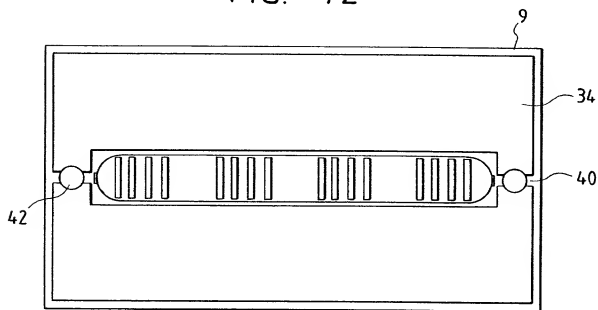


FIG. 43

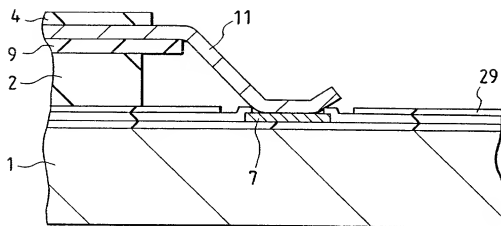


FIG. 44

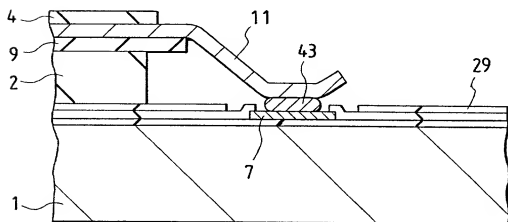


FIG. 45

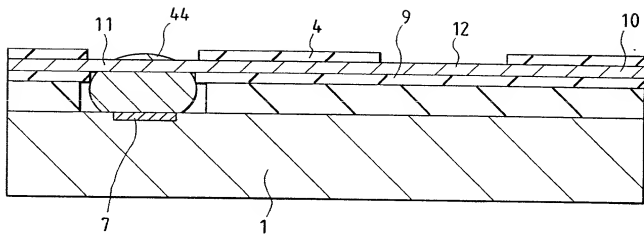


FIG. 46

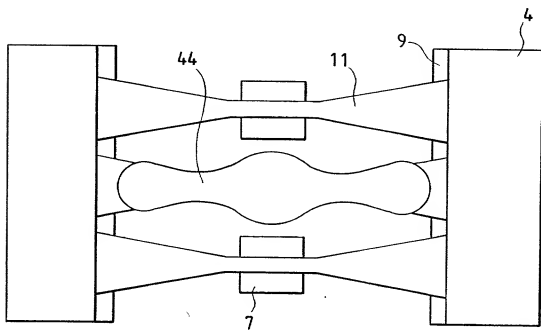




FIG. 47

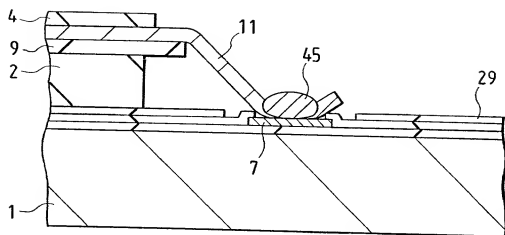


FIG. 48

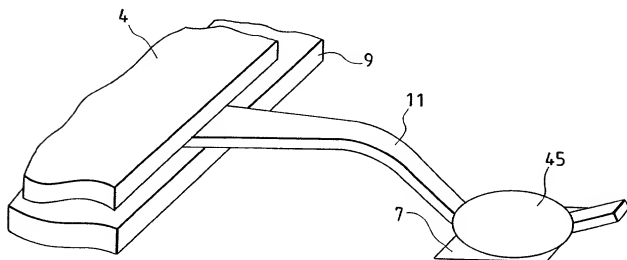


FIG. 49

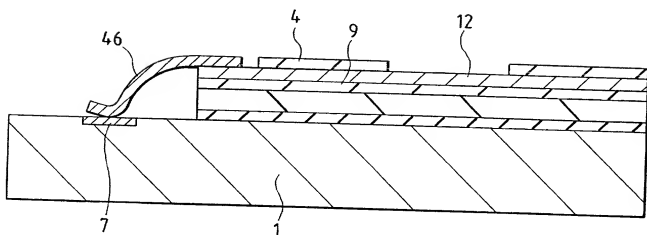


FIG. 50

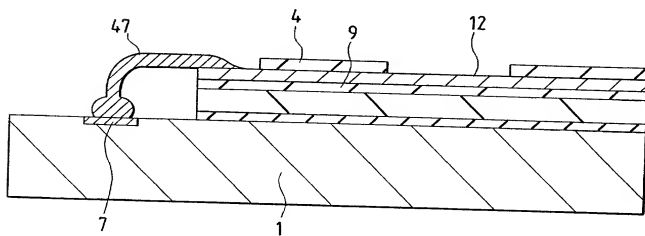


FIG. 51

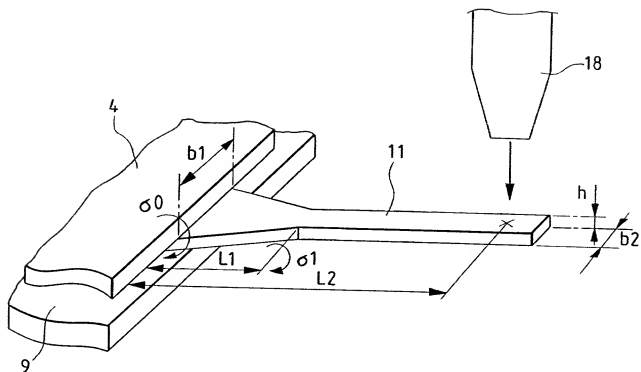


FIG. 52

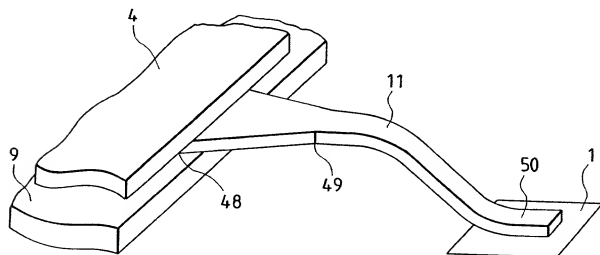


FIG. 53

| LEAD SIZE SYMBOL  | L1                            | L2                             | b1                           | b2                          | h                               | $\alpha$                  |
|-------------------|-------------------------------|--------------------------------|------------------------------|-----------------------------|---------------------------------|---------------------------|
| MEANING OF SYMBOL | TAPER LENGTH<br>$\mu\text{m}$ | WIRING LENGTH<br>$\mu\text{m}$ | TAPER WIDTH<br>$\mu\text{m}$ | LEAD WIDTH<br>$\mu\text{m}$ | LEAD THICKNESS<br>$\mu\text{m}$ | BENDING STRESS RATIO<br>1 |
| UNIT              |                               |                                |                              |                             |                                 |                           |
| TECHNIQUE STUDIED | ①                             | 100                            | 280                          | 60                          | 38                              | 18                        |
|                   | ②                             | 80                             | 280                          | 60                          | 38                              | 18                        |
| EMBODIMENT        | ①                             | 100                            | 380                          | 65                          | 38                              | 18                        |
|                   | ②                             | 80                             | 380                          | 60                          | 38                              | 18                        |
|                   | ③                             | 100                            | 380                          | 65                          | 38                              | 18                        |
|                   | ④                             | 100                            | 430                          | 65                          | 38                              | 18                        |
|                   | ⑤                             | 100                            | 480                          | 70                          | 38                              | 18                        |

FIG. 54

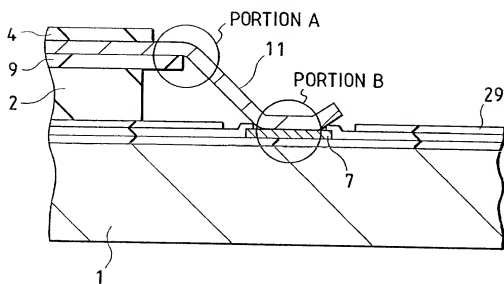


FIG. 55

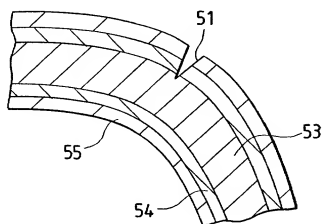


FIG. 56

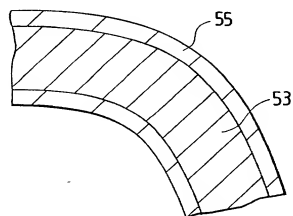


FIG. 57

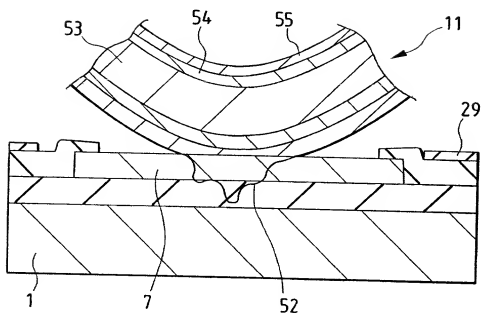


FIG. 58

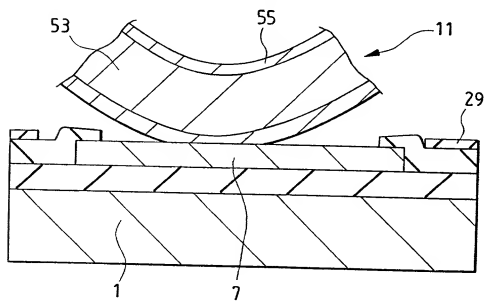


FIG. 59

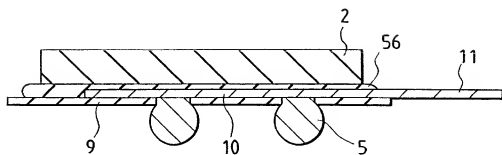


FIG. 60

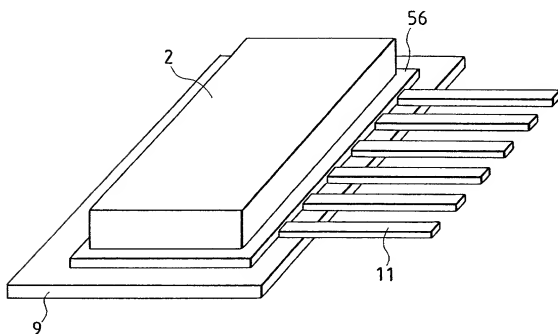


FIG. 61

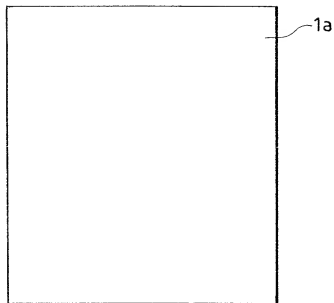


FIG. 62

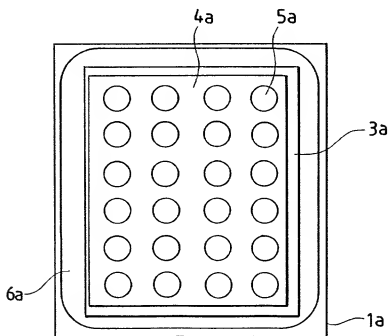




FIG. 63

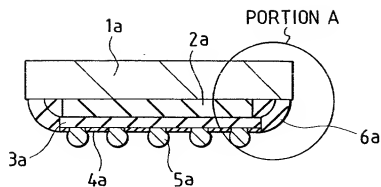


FIG. 64

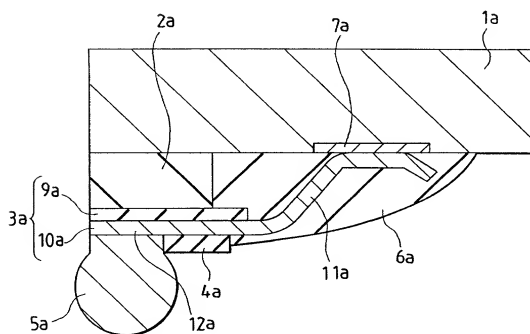


FIG. 65

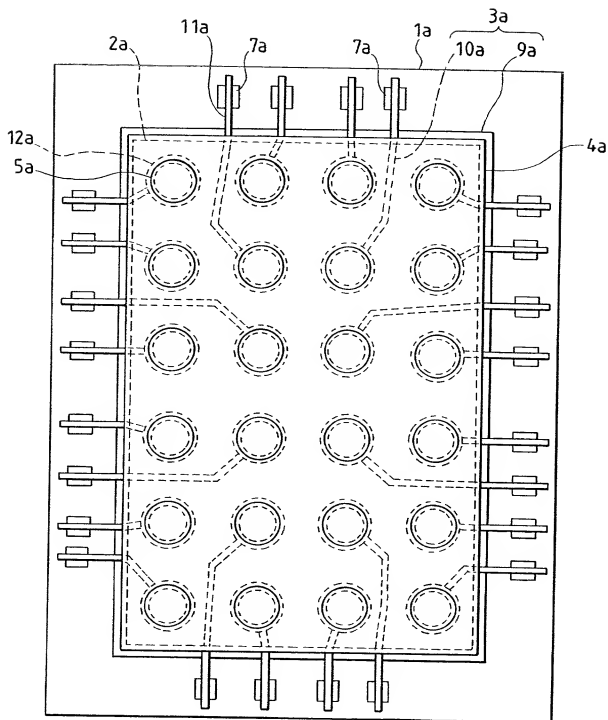


FIG. 66

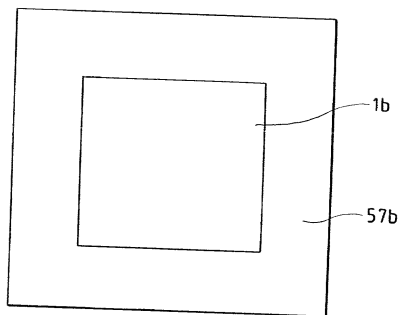


FIG. 67

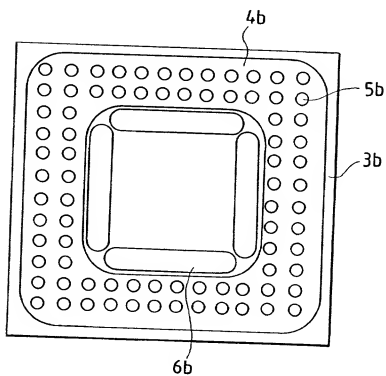


FIG. 68

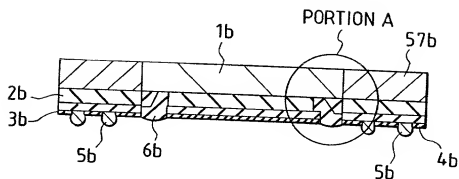


FIG. 69

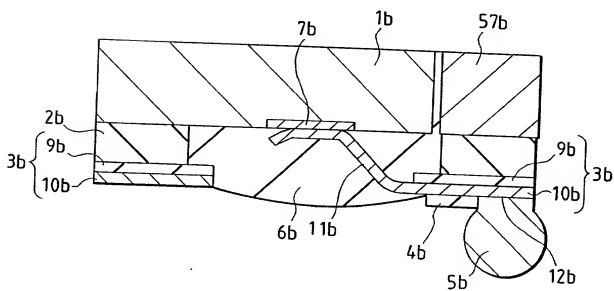


FIG. 70

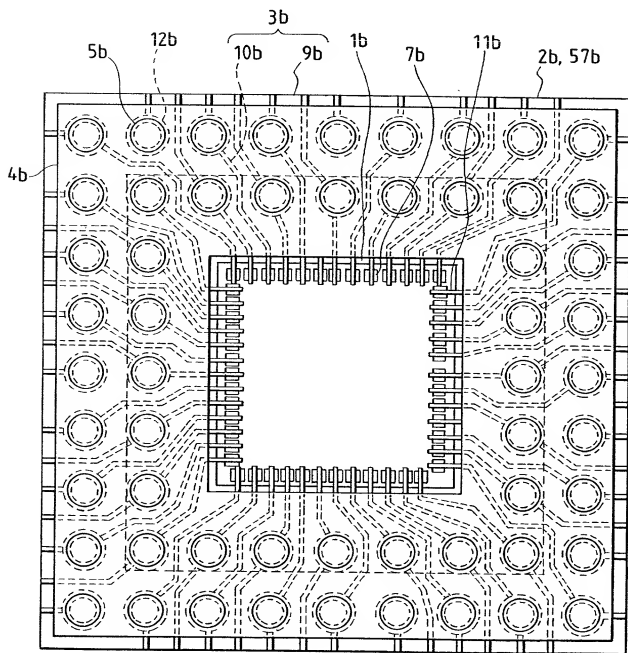


FIG. 71

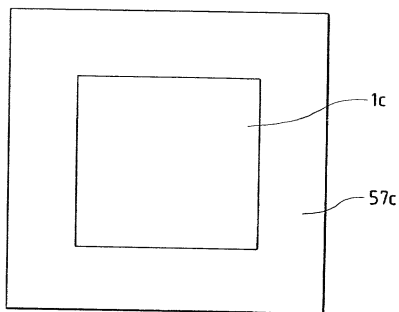


FIG. 72

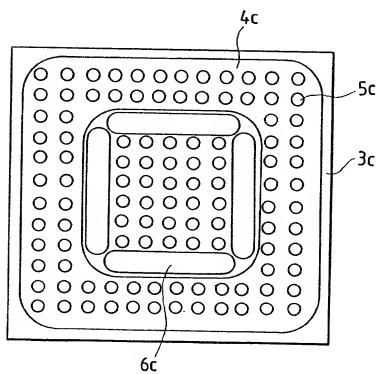


FIG. 73

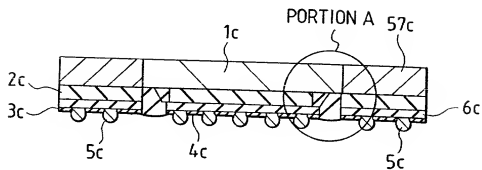


FIG. 74

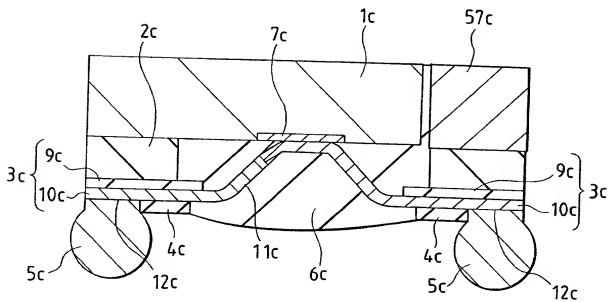


FIG. 75

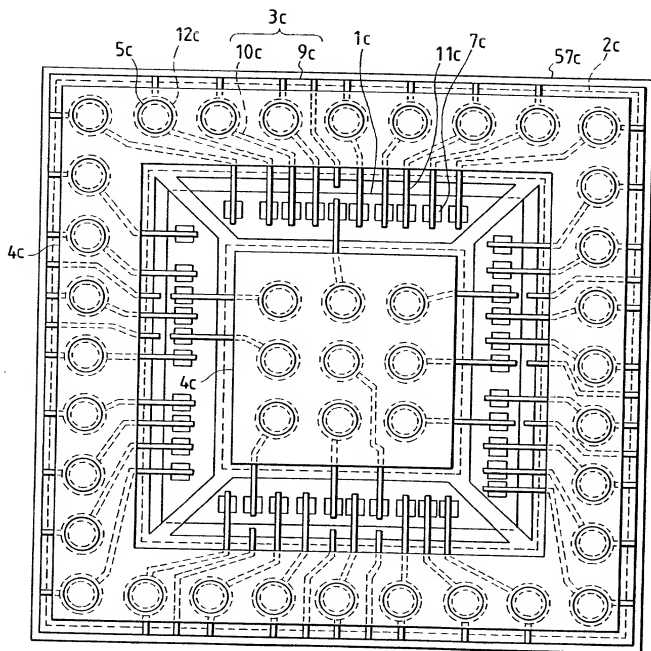




FIG. 76

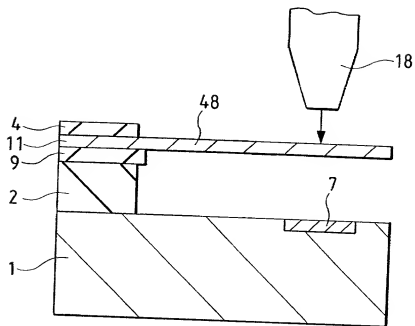


FIG. 77

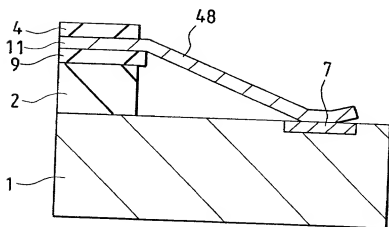


FIG. 78

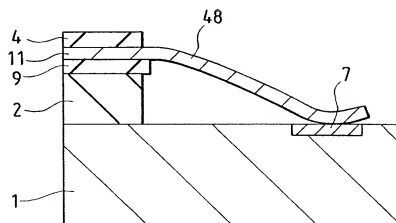


FIG. 79

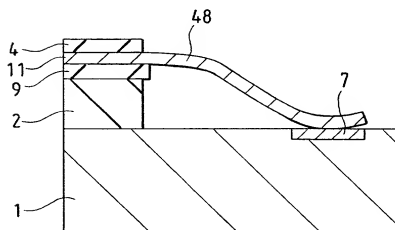


FIG. 80

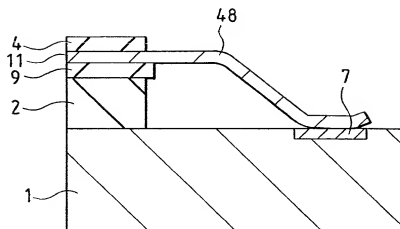


FIG. 81

